

Amendments to the Specification:

Please replace the paragraph beginning on page 2, line 8, with the following rewritten paragraph:

According to a first embodiment of the present invention, a rotary electric machine has a rotor and a stator. The stator has a stator core with a plurality of slots and a stator winding. The slots include a plurality of regular slots and a plurality of irregular slots. The stator winding has a plurality of in-slot portions accommodated in the slots and coil ends. The in-slot portions and the coil ends ~~being~~are arranged to provide a discontinuity of the stator winding at a region where the irregular slots are located.

Please replace the paragraph beginning on page 2, line 17, with the following rewritten paragraph:

Since the stator winding has a discontinuity, the stator winding may wound easily. In this arrangement, it is possible to improve a cross-sectional ratio of the conductors to the slot. Furthermore, it is possible to improve productivity by reducing complex manufacturing ~~process~~processes.

Please replace the paragraph beginning on page 9, line 11, with the following rewritten paragraph:

The in-slot portions 23S are indicated by the initial letters S, SN or SG and a number of the slot. For example, the in-slot portion 23S in the first slot is indicated as S1, SN1 or SG1. The in-slot portion in the inner layer is called ~~as~~an inner in-slot portion and indicated as SN1. The in-slot portion in the outer layer is called as an outer in-slot portion and indicated as SG1. Likewise, the drive and rear side coil ends 23D and 23R are indicated by the initial letters and a number of the slot. For example, the drive and rear side coil ends 23D and 23R between the first slot and fourth slot are indicated as D1 and R1.

Please replace the paragraph beginning on page 10, line 7, with the following rewritten paragraph:

In a first step, the conductors 230 are placed on a first side of the tool to provide the outer in-slot portions SG22 through SG27 and leads extending beyond the rear side coil end 23R. The conductors 230 are shifted three slots distance during providing the drive side coil ends 23D in a second step. Then, in a third step, the conductors 230 are placed on a second side of the tool that is opposite to the first side to provide the inner in-slot portions ~~SN18~~ SN19 through SN24. In the third step, the conductor 230 for the coil Z2 started from the 25th slot is placed on the second side of the tool to provide the inner in-slot portion SN22. The conductors 230 are shifted three slots distance during providing the rear side coil ends 23R.

Please replace the paragraph beginning on page 10, line 20, with the following rewritten paragraph:

When the winding process reaches ~~to~~ the first through sixth slots in the 15th step, a shifting direction is reversed from descending to ascending order. The conductors are wound over the conductors previously wound. Therefore, the conductors are wound one over another. Then, when the conductor 230 for the coil Z2 reaches to the 22nd slot again at the 27th step, the conductor 230 is placed on the second side of the tool again to provide the inner in-slot portion SN22. When the conductor 230 for the coil Z1 returns to the 22nd slot in the 29th step, the conductor 230 is placed on the first side of the tool again to provide the outer in-slot portion SG22.

Please replace the paragraph beginning on page 11, line 4, with the following rewritten paragraph:

The winding process proceeds to the other end and reverses again in the 40th step. One winding cycle is completed in the 48th step. In this embodiment, to provide sufficient turns, ~~further~~ a further winding cycle proceeds from the 49th step to the 95th step.

Please replace the paragraph beginning on page 11, line 24, with the following rewritten paragraph:

As a result, the belt-shaped coil is formed, which ~~is only stacked~~ includes stacking the conductors 230 by spirally winding the conductors 230. The conductors 230 are regularly arranged in the in-slot portions and the coil end portions.

Please replace the paragraph beginning on page 15, line 16, with the following rewritten paragraph:

FIG. 10 shows a second embodiment of the present invention. In this embodiment, the stator winding 223 is provided by a plurality of lap-windings. Referring to FIGS. 10 and 11, the winding process begins from left and ends at right. In the winding process, the conductors 230 are wound on the tool in accordance with the order indicated in FIG. 11. For instance, the conductor 230 for the coil Z1 is placed on the inner in-slot portions SN1, the drive side coil ends D1, the outer in-slot portions SG4 and the rear side coil ends R1, during the first step to the 15th step. Therefore, the coil Z1 has four turn ~~coil~~ coils between the first to fourth slots. Then the conductor 230 is shifted three slots in the 16th step.

Please replace the paragraph beginning on page 16, line 19, with the following rewritten paragraph:

In this embodiment, almost all of the in-slot portions are connected with the other two in-slot portions accommodated in another slot. However, the stator 2 still has regular slots and irregular slots. The regular slots, from the fourth to 36th slots, accommodate not only the in-slot portions that are connected with other two in-slot portions accommodated in another one of the slots, but also the in-slot portions that are connected with other two in-slot portions accommodated in other two in-slot portions located on both circumferential sides. The irregular slots, from the first to third slots, accommodate only the in-slot portions that are connected with other two in-slot portions accommodated in another one of the slots. The

stator 2 only has the first, second and third slots as three irregular slots that only accommodate the irregular in-slot portions. The leads X11, X12, Y11, Y12, Z11, Z12, X21, X22, Y21, Y22, Z21 and Z22 extends beyond the coil ends and are located on a region where the irregular slots are located. A number of the irregular slots corresponds to a number of phases of poly-phase winding.

Please replace the paragraph beginning on page 17, line 11, with the following rewritten paragraph:

Therefore, the irregular slots, the first, second and third slots, accommodate the irregular in-slot portions that have two different connections. First irregular in-slot portions are connected with the other two in-slot portions accommodated in another layer of the other slot located on a circumferential clockwise direction. The other second irregular in-slot portions are connected with the other two in-slot portions accommodated in another layer of the other slot located on a circumferential counter clockwise direction. The irregular slots provide a discontinuity of the coils along a circumferential direction, since there is no conductor cross over a region where the irregular slots are located. The regular slots provide a continuity of the coils, since the regular slots ~~accommodates~~ accommodate at least one of the regular in-slot portion that is connected with two in-slot portions accommodated in another layer of two other slots, respectively.

Please replace the Abstract with the attached amended Abstract.